



VIRGINIA ELECTRIC AND POWER COMPANY, RICHMOND, VIRGINIA 23261

September 21, 1979

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
Attn: Mr. O. D. Parr, Chief
Light Water Reactors Branch No. 3
Division of Project Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Serial No. 640A/080379
PSE&C/GLP:mac:wang

Docket No. 50-339

Dear Mr. Denton:

ELECTRICAL PROTECTION OF CONTAINMENT PENETRATIONS
FOR NORTH ANNA, UNIT 2

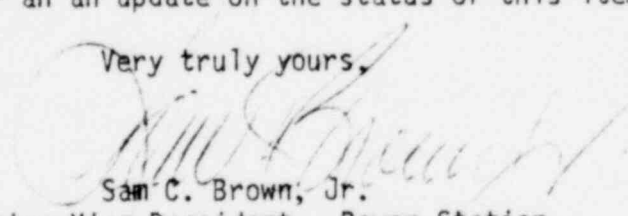
During our review process, we encountered some problems with the coordination of the existing protective devices and the limits on the penetration assemblies. In the interim, we have had additional tests performed on several types of assemblies to confirm their current carrying capability for overload and intermediate fault conditions. The work that we have had to do is considerably beyond our expectations thus we were not able to provide the information that we promised by September 4, 1979. We are continuing our review and testing, all of which should be completed by the end of September.

We must assure ourselves that the primary and backup devices are compatible as far as their overload trip characteristics are concerned so that we not only have protection for the penetrations, but that reliable load operation is assured.

We are evaluating the entire scope of work so that we can present an accurate and concise program for revising the penetration protection scheme.

We are submitting this letter as an update on the status of this item.

Very truly yours,


Sam C. Brown, Jr.

Senior Vice President - Power Station
Engineering and Construction

cc: Mr. James P. O'Reilly, Director
Office of Inspection & Enforcement
Region II

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